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L6: Entry 1 of 12

File: JPAB

Dec 6, 2002

PUB-NO: JP02002352600A

DOCUMENT-IDENTIFIER: JP 2002352600 A

TITLE: SEMICONDUCTOR MEMORY, ITS TEST JIG, AND TEST METHOD

PUBN-DATE: December 6, 2002

## INVENTOR-INFORMATION:

NAME

COUNTRY

TANAKA, YOSHIYUKI

## ASSIGNEE-INFORMATION:

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MATSUSHITA ELECTRIC IND CO LTD

APPL-NO: JP2001157677

APPL-DATE: May 25, 2001

INT-CL (IPC): G11 C 29/00; G01 R 1/073; G01 R 31/26; G01 R 31/28; G01 R 31/3183; G06 F 12/16; G11 C 16/02; G11 C 17/00

## ABSTRACT:

PROBLEM TO BE SOLVED: To provide a semiconductor memory in which circuit area required for self-diagnosis is reduce as much as possible, and increment of a manufacturing cost is suppressed.

SOLUTION: This device is provided with a non-volatile memory cell array 2 having a mask ROM cell 110 storing a user use region 4 and instruction data for self-diagnosis, a RAM 18 transferring instruction data for self-diagnosis from the mask ROM cell by responding to a self-diagnosis start signal from the outside, and a CPU 12 self-diagnosing a user use region of a non-volatile memory cell array based on the instruction data for self-diagnosis transferred from the RAM.

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# WEST Search History

DATE: Friday, November 07, 2003

## Set Name Query

side by side

## Hit Count Set Name

result set

*DB=USPT,PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR*

L18	l16 and (711/\$.ccls. or 713?\$.ccls.)	46	L18
L17	volatile with ram with rom with (portion or partition or area or region).ti,ab.	1	L17
L16	volatile with ram with rom with (portion or partition or area or region)	270	L16
L15	L14 and ((711/\$)!.CCLS.)	15	L15
L14	L13 and driver	227	L14
L13	L12 and bios and initializ\$	455	L13
L12	ram with rom with volatile	6791	L12
L11	L9 and rom and ram and yoshiyuki.in.	9	L11
L10	L9 and rom and ram	66	L10
L9	L8 and (nonvolatile or non?volatile) and (region or partition)	317	L9
L8	tanaka.in. and semiconductor	3964	L8

*DB=JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR*

L7	(region or partition) with ram with retain\$ near5 (data or content)	2	L7
L6	ram with (nonvolatile or non?volatile) near5 (region or partition)	12	L6

*DB=USPT,PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR*

L5	L4 and l2	0	L5
L4	ram with (nonvolatile or non?volatile) near5 (region or partition)	63	L4
L3	(region or partition) with ram with retain\$ near5 (data or content)	22	L3
L2	bios and initializ\$ and driver with (allocat\$ or accessible) and operating near2 system	316	L2
L1	partition near6 accessible near5 only	53	L1

END OF SEARCH HISTORY